

LINEAR AMPLIFIER

AM-6155/GRT-22 LINEAR POWER AMPLIFIER (ITT Model 3212), designed for 50 watt output from 10 W exciter input over 225-400 Mhz.

Uses Eimac X651Z tetrode in silver-plated cavity housed in removable drawer; 175-turn counter dial for tuning. Cavity has added feature VHF/UHF switch facilitating conversion AM-6155 to 116-150 Mhz VHF range with some circuit changes. Main chassis contains solid-state power supply and buffer amp/multiplier; test meter on panel monitors voltages. Requires 105/120/210/240 VAC 50-400 Hz and +20 V reg 60 ma, +20 V keyed. 7x19x18 $\frac{1}{2}$, 80 lbs sh in two packages. Schematic packet included. Used-excellent, net tested, \$149.50

REMOTE SIGNALLER

REMOTE SIGNALLER RECEIVER & TRANSMITTER, intended use was for the transmitter to be actuated by a telephone bell. The transmitter would then signal the receiver via the power line and activate the receiver's outlet to which a lamp or other appliance could be connected. Maximum outlet load 200 watts. Transmitter has telephone pick-up coil, op-amp, and tone oscillator. Receiver has 567 tone decoder circuit and triac control circuit for the outlet. Each has On-Off switch, 5' cord, and measures 3x4x1 $\frac{1}{2}$; 3 lbs sh. Schematic included, may need minor repair. #RMS-R/T, \$8.95

DUAL TRACE 15 MHZ SCOPE

TEKTRONIX 516 OSCILLOSCOPE featuring DC to 15 Mhz response, dual-trace, and 5" CRT. Vertical sensitivity: 0.05 to 20 v/div in nine calibrated steps, to 50 v/div using vernier; 23 nsec rise-time. Sweep range 0.2 usec/div to 2 sec/div in 22 calibrated steps, to 6 sec/div with vernier; X5 trace magnifier. Dual trace modes Channels A or B only, chopped, or alternate. Squarewave calibrator in 11-steps from 0.05 to 100 V. Automatic triggering; external trigger requires 0.5-25 V signal. 115 VAC 60 Hz; 13 $\frac{1}{2}$ x2x21 $\frac{1}{2}$, 50 lbs sh. W/beam. Used-reparable, \$185. Checked, \$235.

Fair Radio Sales Co.

1016 E. EUREKA ST.

P. O. BOX 1105

Lima, Ohio 45802

PHONE: 419/227-6573



GOD IS JUST
A PRAYER AWAY



FACSIMILE TRANSCEIVER



STEWART-WARNER MODEL 180 DATAFAX TRANSCEIVER, facsimile machine designed to send and receive printed matter and images over telephone lines or private wire. Produces up to six shades of gray.

Drum scanner speed: 180 RPM; 6 minute transmission time for 8x11 message. Receives 1500-2500 Hz signal; 2150 Hz required to activate demodulator. Select manual or automatic operation modes. Uses 200' rolls of facsimile paper (not available). Units tested for basic send-receive; some adjustments may be necessary. Schematic & info packet included. Requires 100-127 VAC 60 Hz. 16x12x21, 70 lbs sh. Used, \$175.00

DATA CASSETTE

DATA CASSETTE RECORDER, adaptable for use with most microcomputers having RS-232 input. Functions: Eject, Record, Rewind, Ready, Forward, Stop, Read-from-Tape, and Write-on-Tape. Tape speed 1-7/8 ips, 4-track 2-channel.

Similar to Monroe Model 392. Requires -12 -3 45 V. Includes 3' cable w/DB-25P plug & book. 8x8x3, 4 lbs sh. #DC-REC, unused, \$29.95

500 WATT REGULATOR



CN-514/GRC AUTOMATIC VOLTAGE REGULATOR, regulates inputs of 95 to 135 VAC 47.5 to 63.5 Hz to output of 115 VAC $\pm 1\%$ over a

current range of 0 to 43 amps. Uses motor driven variable autotransformer with drive circuit and buck-boost transformer for regulation. Has standard duplex outlet unregulated output, duplex outlet regulated, and seven Amphenol-type connector outlets. Also 2 $\frac{1}{2}$ " rd 0-150 VAC meter and circuit breaker. Operates in manual or automatic modes. 8x17x15; sh wt two pkgs 70/20 lbs. Used, \$125.00

12 V 5 A BATTERY

GATES LEAD-ACID BATTERY PACK six 2 VDC 5 amp cells connected to produce 12 VDC 5 A. These are rechargeable. Each cell 3x1 $\frac{1}{2}$ " dia; 7 lbs. #0800-0041 \$16.



URC-68 DISTRESS RADIO

AN/URC-68 DISTRESS TRANSMITTER, handheld unit designed as an emergency radio for aircraft pilots; operates over 38-42 Mhz FM and 230-250 Mhz using 4 preset channels, voice, MCW, and beacon. All have 40.5 Mhz FM and 243 Mhz UHF channels; other three frequencies depend on selected crystals (not available), 50 KHz spacing. Power output 500 MW (FM), 200 MW (UHF); range 19 miles line of site or 3-5 miles over varied terrain. Includes squelch, built-in microphone, speaker, and antenna. Requires 11-16 VDC originally supplied by BA-1112 battery (not available). 6x3 $\frac{1}{2}$ x1 $\frac{1}{2}$, 3 lbs sh. Used-reparable with receiver and transmitter output, \$99.50 AS-IS, no output but good modules, \$69.50 MANUAL, partial reproduction, \$10.00

HICKOK MULTIMETER

HICKOK 1604M SOLID-STATE MULTIMETER, achieves high gain by using chopper to allow use of AC-coupled amplifiers. AC response to 700 Mhz and AC volt ranges 0-0.5-1.5-5-15-50-150-300 VAC. Eleven DC volts full scale ranges from 0-0.5 V to 1500 V in 15-50-150 sequence. Fourteen DC current ranges 0 to 1.5 nanoamp to 150 ma in 1.5-50-15 sequence. Resistance ranges from 0-500 ohms to 500 megohms in seven steps. AC probe uses EA53 tube. Includes AC and DC probes, two test leads, and partial repro of manual. Requires 115/230 VAC 50-400 Hz. 7 $\frac{1}{2}$ x3 $\frac{1}{2}$ x1 $\frac{1}{2}$, 13 lbs sh. Used-reparable, \$95. Checked, \$140. T-CONNECTOR for 1604M, \$20 w/purchase of set.

TRANSISTOR TESTER

HICKOK MODEL 1890M TRANSISTOR TESTER, checks transistors in and out of circuit. Collector leakage current (I_{CEO}) ranges: 0-50-500 ua and 50 ma. Collector current (I_C) 0-1-10-100 ma. Current gain Beta: 0-50-100-200-400. AC test signal 1000 Hz. Transistor input resistance range 50-10000 ohms; circuit input impedance 25-10000 ohms. Collector voltages 0-1.5-3-4.5 VDC. Has transistors 4/2N651A, 2N650A. Requires batteries (not supplied) Eveready 763 (22.5 V) and two Burgess 2370-ST (4.5-3-1.5 V). With partial repro of manual. 10x10x1 $\frac{1}{2}$, 18 lbs. Used-reparable, \$54.50

RETURN POSTAGE GUARANTEED

Bulk Rate
U. S. POSTAGE PAID
Lima, Ohio
Permit No. 74

WS-83 CATALOG SUPPLEMENT

0.5-32 MHZ RECEIVER

R-392/URR RECEIVER, 0.5-32 MHZ AM-CW in 32 one Mhz bands using digital mechanical tuning. Triple conversion on lower 8 bands, double on others. Selective bandwidth 2-4-8 Khz; 100 KHz crystal calibrator points. With 25 tubes of 26A7, 26A6, 26C6, 26D6, 6AJ5, 12AU7. Requires 24-28 VDC 5 amps. Rugged vehicular version of the famous R-390 receiver. 11 $\frac{1}{2}$ x14 $\frac{1}{2}$ x11; 65 lbs sh, 52 lbs net. Used-reparable, \$135.00 Checked, \$200. Power connector, \$6 with set purchase MANUAL for R-392, partial repro \$15. SCHEMATIC only \$3. LS-166/U SPEAKER with cable & connector f/R392, \$10.95 24 VDC 6 AMP SUPPLY, 115 VAC in; no connector, \$25.00



PRICES ARE F.O.B. LIMA

ITEMS OVER 70 LBS. SHIPPED

MOTOR FREIGHT COLLECT

INCLUDE PAYMENT IN FULL.

USE YOUR MASTERCARD OR VISA.

STORE HOURS: Monday thru Friday 9 to 5:30

Saturday 9 to 1:00

TUNNEL DIODE AMP

AM-6025/FRC
TUNNEL DIODE
AMPLIFIER,
same as RFL
Model 1132.

Covers 755 to 985 Mhz; "N" connections for RF input and output. Requires 115 VAC for heater and 1.4 VDC for tunnel diode. No further info. 3x19x16, 24 lbs sh. Used, \$75.00



OMNI-SPECTRA 11147B
OSCILLATOR, impressive looking gold-plated miniature oscillator; no technical info available. We do know that Omni-Spectra specializes in small microwave coaxial components for frequencies above 1 Ghz. Solid-state; SMA fitting. 1x4x3 \$40.

RG-367/U FITTING

ANDREWS TYPE 79R FITTING for 5" dia coax H9 or RG-367/U; 50 ohm, 6-1/8" dia K1A flange. 19 lbs sh. Unused w/kit, \$100.



4.4-5.0 GHZ SYNTHESIZER



O-937/TRC-80 SYNTHESIZER, provided local oscillator signals for 4.4-5.0 Ghz military down converter; tunes 4400.8 to 4998.4 Mhz in 1.8 Mhz increments.

Has three oscillator modules, one each for units, 10's, 100's and two mixer modules. 00-99 and 000-999. Also O-100 microammeter to monitor circuits; 11 tubes. Collins mfg.; requires 115 VAC 60 Hz. 10x19x8, 57 lbs. Used, \$125.

O-1336/TRC (Collins 69A1-LTH), similar functions as O-937 except all solid-state and no tunable mixers; 45 lbs. Used, \$225.



TWIN CAVITY FILTER

F-192/U FULL-LENGTH TWIN-CAVITY BANDPASS FILTER for 100-121 Mhz range; can be converted to 2 meter usage according to W4FIE's article in 2/80 Ham Radio. Gold-plated cavity 9-1/8" long. "N" connections on rear; 8 lbs. Unused, \$20.

F-196/U BANDPASS FILTER, 184-205 Mhz range; shorter usable cavity length than F-192. Convert to 225 Mhz area; 7 lbs. Unused, \$17.50

F-202/U BANDPASS FILTER, 314-344 Mhz range; shorter usable cavity length than F-196. Convert to 420-450 Mhz; 7 lbs. Unused, \$17.50



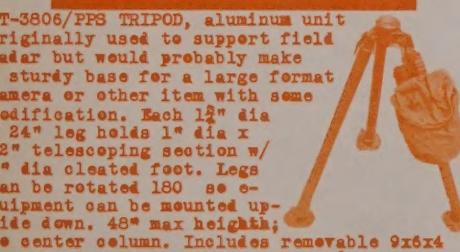
ANTENNA RELAY

MAGNACRAFT #122EX-18 COAXIAL RELAY, 12-24 VDC SPDT with auxiliary SPST term open 10 A contacts. 100 watts approx; 50 ohms. Has two RCA plugs and SO-239 connector. Encased with cover. 2x2x1x1, 2 lbs sh. Unused, \$5.95



HEAVY DUTY TRIPOD

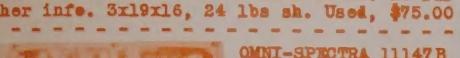
MT-3806/PFS TRIPOD, aluminum unit originally used to support field radar but would probably make a sturdy base for a large format camera or other item with some modification. Each 12" dia x 24" leg holds 1" dia x 22" telescoping section w/ 4" dia cleated foot. Legs can be rotated 180° so equipment can be mounted upside down. 48" max height; no center column. Includes removable 9x6x4 canvas pouch. 8 lbs sh; unused, \$32.95



24 VDC 6 AMP SUPPLY



24 VDC 6 AMP POWER SUPPLY originally used in Xerox equipment but usable to power R-392 receiver and other equipment. Requires 105-125 VAC 60 Hz input. 4x9x8, 20 lbs. #AS-59134, used-checked, \$24.95



OMNI-SPECTRA 11147B
OSCILLATOR, impressive looking gold-plated miniature oscillator; no technical info available. We do know that Omni-Spectra specializes in small microwave coaxial components for frequencies above 1 Ghz. Solid-state; SMA fitting. 1x4x3 \$40.

RG-367/U FITTING

ANDREWS TYPE 79R FITTING for 5" dia coax H9 or RG-367/U; 50 ohm, 6-1/8" dia K1A flange. 19 lbs sh. Unused w/kit, \$100.



4.4-5.0 GHZ SYNTHESIZER



O-937/TRC-80 SYNTHESIZER, provided local oscillator signals for 4.4-5.0 Ghz military down converter; tunes 4400.8 to 4998.4 Mhz in 1.8 Mhz increments.

Has three oscillator modules, one each for units, 10's, 100's and two mixer modules. 00-99 and 000-999. Also O-100 microammeter to monitor circuits; 11 tubes. Collins mfg.; requires 115 VAC 60 Hz. 10x19x8, 57 lbs. Used, \$125.

O-1336/TRC (Collins 69A1-LTH), similar functions as O-937 except all solid-state and no tunable mixers; 45 lbs. Used, \$225.



TWIN CAVITY FILTER

F-192/U FULL-LENGTH TWIN-CAVITY BANDPASS FILTER for 100-121 Mhz range; can be converted to 2 meter usage according to W4FIE's article in 2/80 Ham Radio. Gold-plated cavity 9-1/8" long. "N" connections on rear; 8 lbs. Unused, \$20.

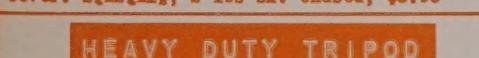
F-196/U BANDPASS FILTER, 184-205 Mhz range; shorter usable cavity length than F-192. Convert to 225 Mhz area; 7 lbs. Unused, \$17.50

F-202/U BANDPASS FILTER, 314-344 Mhz range; shorter usable cavity length than F-196. Convert to 420-450 Mhz; 7 lbs. Unused, \$17.50



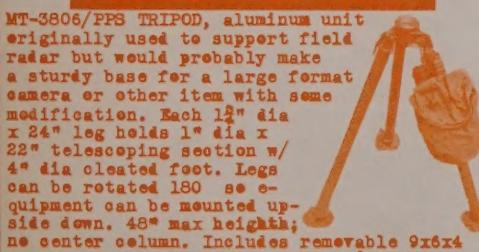
ANTENNA RELAY

MAGNACRAFT #122EX-18 COAXIAL RELAY, 12-24 VDC SPDT with auxiliary SPST term open 10 A contacts. 100 watts approx; 50 ohms. Has two RCA plugs and SO-239 connector. Encased with cover. 2x2x1x1, 2 lbs sh. Unused, \$5.95

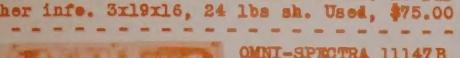


HEAVY DUTY TRIPOD

MT-3806/PFS TRIPOD, aluminum unit originally used to support field radar but would probably make a sturdy base for a large format camera or other item with some modification. Each 12" dia x 24" leg holds 1" dia x 22" telescoping section w/ 4" dia cleated foot. Legs can be rotated 180° so equipment can be mounted upside down. 48" max height; no center column. Includes removable 9x6x4 canvas pouch. 8 lbs sh; unused, \$32.95



24 VDC 6 AMP SUPPLY



OMNI-SPECTRA 11147B
OSCILLATOR, impressive looking gold-plated miniature oscillator; no technical info available. We do know that Omni-Spectra specializes in small microwave coaxial components for frequencies above 1 Ghz. Solid-state; SMA fitting. 1x4x3 \$40.

RG-367/U FITTING

ANDREWS TYPE 79R FITTING for 5" dia coax H9 or RG-367/U; 50 ohm, 6-1/8" dia K1A flange. 19 lbs sh. Unused w/kit, \$100.



4.4-5.0 GHZ SYNTHESIZER



O-937/TRC-80 SYNTHESIZER, provided local oscillator signals for 4.4-5.0 Ghz military down converter; tunes 4400.8 to 4998.4 Mhz in 1.8 Mhz increments.

Has three oscillator modules, one each for units, 10's, 100's and two mixer modules. 00-99 and 000-999. Also O-100 microammeter to monitor circuits; 11 tubes. Collins mfg.; requires 115 VAC 60 Hz. 10x19x8, 57 lbs. Used, \$125.

O-1336/TRC (Collins 69A1-LTH), similar functions as O-937 except all solid-state and no tunable mixers; 45 lbs. Used, \$225.



TWIN CAVITY FILTER

F-192/U FULL-LENGTH TWIN-CAVITY BANDPASS FILTER for 100-121 Mhz range; can be converted to 2 meter usage according to W4FIE's article in 2/80 Ham Radio. Gold-plated cavity 9-1/8" long. "N" connections on rear; 8 lbs. Unused, \$20.

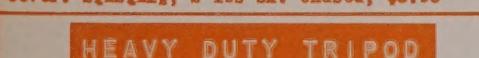
F-196/U BANDPASS FILTER, 184-205 Mhz range; shorter usable cavity length than F-192. Convert to 225 Mhz area; 7 lbs. Unused, \$17.50

F-202/U BANDPASS FILTER, 314-344 Mhz range; shorter usable cavity length than F-196. Convert to 420-450 Mhz; 7 lbs. Unused, \$17.50



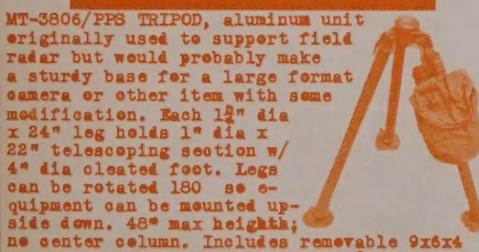
ANTENNA RELAY

MAGNACRAFT #122EX-18 COAXIAL RELAY, 12-24 VDC SPDT with auxiliary SPST term open 10 A contacts. 100 watts approx; 50 ohms. Has two RCA plugs and SO-239 connector. Encased with cover. 2x2x1x1, 2 lbs sh. Unused, \$5.95



HEAVY DUTY TRIPOD

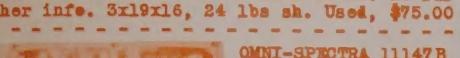
MT-3806/PFS TRIPOD, aluminum unit originally used to support field radar but would probably make a sturdy base for a large format camera or other item with some modification. Each 12" dia x 24" leg holds 1" dia x 22" telescoping section w/ 4" dia cleated foot. Legs can be rotated 180° so equipment can be mounted upside down. 48" max height; no center column. Includes removable 9x6x4 canvas pouch. 8 lbs sh; unused, \$32.95



24 VDC 6 AMP SUPPLY



24 VDC 6 AMP POWER SUPPLY originally used in Xerox equipment but usable to power R-392 receiver and other equipment. Requires 105-125 VAC 60 Hz input. 4x9x8, 20 lbs. #AS-59134, used-checked, \$24.95



OMNI-SPECTRA 11147B
OSCILLATOR, impressive looking gold-plated miniature oscillator; no technical info available. We do know that Omni-Spectra specializes in small microwave coaxial components for frequencies above 1 Ghz. Solid-state; SMA fitting. 1x4x3 \$40.

RG-367/U FITTING

ANDREWS TYPE 79R FITTING for 5" dia coax H9 or RG-367/U; 50 ohm, 6-1/8" dia K1A flange. 19 lbs sh. Unused w/kit, \$100.



4.4-5.0 GHZ SYNTHESIZER



O-937/TRC-80 SYNTHESIZER, provided local oscillator signals for 4.4-5.0 Ghz military down converter; tunes 4400.8 to 4998.4 Mhz in 1.8 Mhz increments.

Has three oscillator modules, one each for units, 10's, 100's and two mixer modules. 00-99 and 000-999. Also O-100 microammeter to monitor circuits; 11 tubes. Collins mfg.; requires 115 VAC 60 Hz. 10x19x8, 57 lbs. Used, \$125.

O-1336/TRC (Collins 69A1-LTH), similar functions as O-937 except all solid-state and no tunable mixers; 45 lbs. Used, \$225.



TWIN CAVITY FILTER

F-192/U FULL-LENGTH TWIN-CAVITY BANDPASS FILTER for 100-121 Mhz range; can be converted to 2 meter usage according to W4FIE's article in 2/80 Ham Radio. Gold-plated cavity 9-1/8" long. "N" connections on rear; 8 lbs. Unused, \$20.

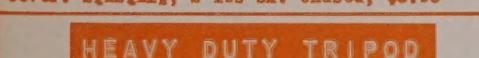
F-196/U BANDPASS FILTER, 184-205 Mhz range; shorter usable cavity length than F-192. Convert to 225 Mhz area; 7 lbs. Unused, \$17.50

F-202/U BANDPASS FILTER, 314-344 Mhz range; shorter usable cavity length than F-196. Convert to 420-450 Mhz; 7 lbs. Unused, \$17.50



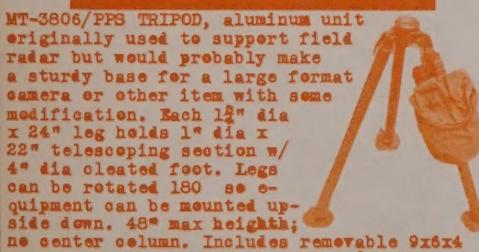
ANTENNA RELAY

MAGNACRAFT #122EX-18 COAXIAL RELAY, 12-24 VDC SPDT with auxiliary SPST term open 10 A contacts. 100 watts approx; 50 ohms. Has two RCA plugs and SO-239 connector. Encased with cover. 2x2x1x1, 2 lbs sh. Unused, \$5.95



HEAVY DUTY TRIPOD

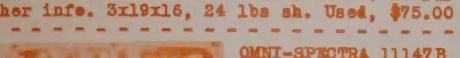
MT-3806/PFS TRIPOD, aluminum unit originally used to support field radar but would probably make a sturdy base for a large format camera or other item with some modification. Each 12" dia x 24" leg holds 1" dia x 22" telescoping section w/ 4" dia cleated foot. Legs can be rotated 180° so equipment can be mounted upside down. 48" max height; no center column. Includes removable 9x6x4 canvas pouch. 8 lbs sh; unused, \$32.95



24 VDC 6 AMP SUPPLY



24 VDC 6 AMP POWER SUPPLY originally used in Xerox equipment but usable to power R-392 receiver and other equipment. Requires 105-125 VAC 60 Hz input. 4x9x8, 20 lbs. #AS-59134, used-checked, \$24.95



OMNI-SPECTRA 11147B
OSCILLATOR, impressive looking gold-plated miniature oscillator; no technical info available. We do know that Omni-Spectra specializes in small microwave coaxial components for frequencies above 1 Ghz. Solid-state; SMA fitting. 1x4x3 \$40.

RG-367/U FITTING

ANDREWS TYPE 79R FITTING for 5" dia coax H9 or RG-367/U; 50 ohm, 6-1/8" dia K1A flange. 19 lbs sh. Unused w/kit, \$100.



4.4-5.0 GHZ SYNTHESIZER



O-937/TRC-80 SYNTHESIZER, provided local oscillator signals for 4.4-5.0 Ghz military down converter; tunes 4400.8 to 4998.4 Mhz in 1.8 Mhz increments.

Has three oscillator modules, one each for units, 10's, 100's and two mixer modules. 00-99 and 000-999. Also O-100 microammeter to monitor circuits; 11 tubes. Collins mfg.; requires 115 VAC 60 Hz. 10x19x8, 57 lbs. Used, \$125.

O-1336/TRC (Collins 69A1-LTH), similar functions as O-937 except all solid-state and no tunable mixers; 45 lbs. Used, \$225.



TWIN CAVITY FILTER

F-192/U FULL-LENGTH TWIN-CAVITY BANDPASS FILTER for 100-121 Mhz range; can be converted to 2 meter usage according to W4FIE's article in 2/80 Ham Radio. Gold-plated cavity 9-1/8" long. "N" connections on rear; 8 lbs. Unused, \$20.

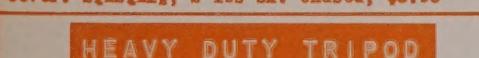
F-196/U BANDPASS FILTER, 184-205 Mhz range; shorter usable cavity length than F-192. Convert to 225 Mhz area; 7 lbs. Unused, \$17.50

F-202/U BANDPASS FILTER, 314-344 Mhz range; shorter usable cavity length than F-196. Convert to 420-450 Mhz; 7 lbs. Unused, \$17.50



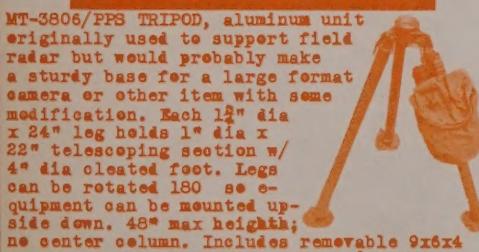
ANTENNA RELAY

MAGNACRAFT #122EX-18 COAXIAL RELAY, 12-24 VDC SPDT with auxiliary SPST term open 10 A contacts. 100 watts approx; 50 ohms. Has two RCA plugs and SO-239 connector. Encased with cover. 2x2x1x1, 2 lbs sh. Unused, \$5.95



HEAVY DUTY TRIPOD

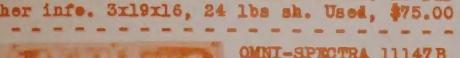
MT-3806/PFS TRIPOD, aluminum unit originally used to support field radar but would probably make a sturdy base for a large format camera or other item with some modification. Each 12" dia x 24" leg holds 1" dia x 22" telescoping section w/ 4" dia cleated foot. Legs can be rotated 180° so equipment can be mounted upside down. 48" max height; no center column. Includes removable 9x6x4 canvas pouch. 8 lbs sh; unused, \$32.95



24 VDC 6 AMP SUPPLY



24 VDC 6 AMP POWER SUPPLY originally used in Xerox equipment but usable to power R-392 receiver and other equipment. Requires 105-125 VAC 60 Hz input. 4x9x8, 20 lbs. #AS-59134, used-checked, \$24.95



OMNI-SPECTRA 11147B
OSCILLATOR, impressive looking gold-plated miniature oscillator; no technical info available. We do know that Omni-Spectra specializes in small microwave coaxial components for frequencies above 1 Ghz. Solid-state; SMA fitting. 1x4x3 \$40.

RG-367/U FITTING

ANDREWS TYPE 79R FITTING for 5" dia coax H9 or RG-367/U; 50 ohm, 6-1/8" dia K1A flange. 19 lbs sh. Unused w/kit, \$100.



4.4-5.0 GHZ SYNTHESIZER



O-937/TRC-80 SYNTHESIZER, provided local oscillator signals for 4.4-5.0 Ghz military down converter; tunes 4400.8 to 4998.4 Mhz in 1.8 Mhz increments.

Has three oscillator modules, one each for units, 10's, 100's and two mixer modules. 00-99 and 000-999. Also O-100 microammeter to monitor circuits; 11 tubes. Collins mfg.; requires 115 VAC 60 Hz. 10x19x8, 57 lbs. Used, \$125.

O-1336/TRC (Collins 69A1-LTH), similar functions as O-937 except all solid-state and no tunable mixers; 45 lbs. Used, \$225.



TWIN CAVITY FILTER

F-192/U FULL-LENGTH TWIN-CAVITY BANDPASS FILTER for 100-121 Mhz range; can be converted to 2 meter usage according to W4FIE's article in 2/80 Ham Radio. Gold-plated cavity 9-1/8" long. "N" connections on rear; 8 lbs. Unused, \$20.

F-196/U BANDPASS FILTER, 184-205 Mhz range; shorter usable cavity length than F-192. Convert to 225 Mhz area; 7 lbs. Unused, \$17.50

F-202/U BANDPASS FILTER, 314-344 Mhz range; shorter usable cavity length than F-196. Convert to 420-450 Mhz; 7 lbs. Unused, \$17.50



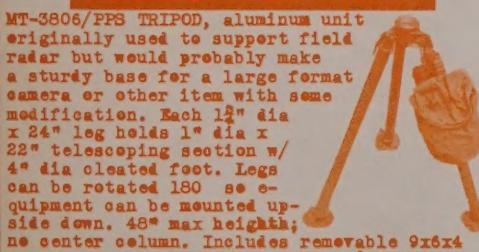
ANTENNA RELAY

MAGNACRAFT #122EX-18 COAXIAL RELAY, 12-24 VDC SPDT with auxiliary SPST term open 10 A contacts. 100 watts approx; 50 ohms. Has two RCA plugs and SO-239 connector. Encased with cover. 2x2x1x1, 2 lbs sh. Unused, \$5.95



HEAVY DUTY TRIPOD

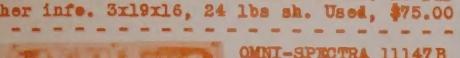
MT-3806/PFS TRIPOD, aluminum unit originally used to support field radar but would probably make a sturdy base for a large format camera or other item with some modification. Each 12" dia x 24" leg holds 1" dia x 22" telescoping section w/ 4" dia cleated foot. Legs can be rotated 180° so equipment can be mounted upside down. 48" max height; no center column. Includes removable 9x6x4 canvas pouch. 8 lbs sh; unused, \$32.95



24 VDC 6 AMP SUPPLY



24 VDC 6 AMP POWER SUPPLY originally used in Xerox equipment but usable to power R-392 receiver and other equipment. Requires 105-125 VAC 60 Hz input. 4x9x8, 20 lbs. #AS-59134, used-checked, \$24.95



OMNI-SPECTRA 11147B
OSCILLATOR, impressive looking gold-plated miniature oscillator; no technical info available. We do know that Omni-Spectra specializes in small microwave coaxial components for frequencies above 1 Ghz. Solid-state; SMA fitting. 1x4x3 \$40.

RG-367/U FITTING

ANDREWS TYPE 79R FITTING for 5" dia coax H9 or RG-367/U; 50 ohm, 6-1/8" dia K1A flange. 19 lbs sh. Unused w/kit, \$100.



4.4-5.0 GHZ SYNTHESIZER



O-937/TRC-80 SYNTHESIZER, provided local oscillator signals for 4.4-5.0 Ghz military down converter; tunes 4400.8 to 4998.4 Mhz in 1.8 Mhz increments.

XMITTER SUPPLY

DY-94A/GRC TRANSISTORIZED POWER SUPPLY, provides 550 VDC 150 ma, 250 VDC 120 ma, 20 VDC 20 ma, 200 VDC 100 ma, and 26 V 1.7 A AC or DC from 115/230 VAC 50-65 Hz or 26 VDC input. Looks like good supply for low to medium power transmitters. 9 $\frac{1}{2}$ x11x13 $\frac{1}{2}$, 42 lbs sh wt. Used, \$59.50; Connectors (2), \$3 each.



54 TO 70.9 MHZ

R-125/GRC FM RECEIVER, 54-70.9 Mhz in 100 KHz steps. Variable IF 15.15-16.05; 4.3 Mhz fixed IF. 0.5 uv design sens. W/AFC, squelch, and 23 tubes. Requires 200 VDC 100 ma and 24-28 V AC or DC 1.3 A. 9 $\frac{1}{2}$ x11x13 $\frac{1}{2}$, 29 lbs. Used, \$29.95

AE TONE KEY PAD

AUTOMATIC ELECTRIC TONE KEY PAD with brushed aluminum cover; use for tone control, signaling, etc. Each key produces two tone output; characters 0 thru 9, #, #. Requires 9-15 VDC. 4-3/8 sq x 2 $\frac{1}{4}$, 2 lbs. With hook-up info. #AE-WA-1127, NEW, \$9.95



CANDLESTICK MIC

T-32 MICROPHONE, antique "candlestick" style 40 ohm carbon mic; 300-4500 Hz flat response. Has push-to-talk switch and 6 feet cord with PL-68 plug. 5 $\frac{1}{2}$ " dia pedestal, 11 $\frac{1}{2}$ " high o/a; 4 lbs sh. Used, \$19.95



RS-38 NAVY-TYPE CARBON MIC, 100 ohm element; 25" long coil cord w/PL-68 plug stretches to 48". 2-3/8" dia with push-to-talk button. U.S. mfg., unused \$9.00



AE MONOPHONE

AUTOMATIC ELECTRIC MONOPHONE, 1940's vintage black desk telephone with a "different" look from today's telephones. Includes rotary dial, handset, and ringer. Should work in most telephone systems; no FCC # available. 8 lbs sh. #AE-4020, used, \$14.95



FIELD TELEPHONE

TA-43/312 FIELD TELEPHONE, rugged light-weight unit replaced the famous KE-8 field phones and can be used with them in situations where radio communications are not feasible. Two conductor wire is used to connect phones; handcrank generator signals transmission and clacker alerts of incoming call. Requires two "D" cells to operate H-50 handset. Includes canvas carrying bag and strap. 12x7x4, 12 lbs sh wt. Used-checked, \$49.50

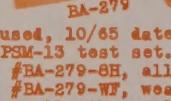


BA-279 BATTERY

BA-279/U BATTERY for backpack receivers AN/PRC-8-9-10 and Canadian PRC-509-510. Each is unused, 10/85 date code. We check them on AM/PSM-13 test set. 8x8x2 $\frac{1}{2}$, 6 lbs sh. #BA-279-SH, all cells test 8 hr life, \$12. #BA-279-WF, weak filament (1.5 V) only; all other cells test 8 hr life, \$8.95 #BA-279-WC, 2 or more cells weak, \$4.95



MX-3568/BATTERY ADAPTER, fastens in place of PRC-8-9-10-509-510 battery box and has 6' cable with 7-pin connector for connection to remote power source. 3x9x2 $\frac{1}{2}$, 3 lbs, unused \$10



AMT-6 RADIOSONDE

AN/AMT-6C RADIOSONDE WEATHER ANALYSIS SET, designed to be released from high-flying aircraft to transmit temperature, humidity, and pressure data on its descent. Transmits pulse signals in 399-403 Mhz range at repetition rate of 20-550 Hz, 140 watts peak. Includes 18" dia drogue and 48" dia vented parachutes, humidity-temperature-pressure elements, and tubes 5696, 5875, 6026. Requires 1.5, 6, 135 VDC. Looks like an interesting experimenter's item. 5 $\frac{1}{2}$ " dia X 21 $\frac{1}{2}$ "H, 9 lbs sh. Unused, \$14.95

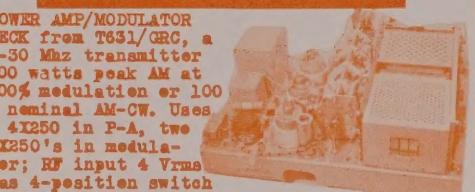


SELSYN - INDICATOR

MC-507 SELSYN-INDICATOR, usable as selsyn transmitter in wind direction or beam locator systems in conjunction with I-81, I-82, ID-91, ID-637, etc remote compass indicators (see page 9 our WS-83 Catalog). Also since it has 0-360° scale in 5° increments, it can be easily made into an indicator itself simply by loosening the housing screws allowing it to rotate freely. Has added feature of -25°-0-25 degree correction scale. Will operate on 12 to 24 VAC 60 Hz. 3" dia scale X 2 $\frac{1}{2}$ ", 2 lbs. Used \$8.95 2/\$16.

2-30 MHZ POWER AMP

POWER AMP/MODULATOR DECK from T631/GRC, a 2-30 Mhz transmitter 400 watts peak AM at 100% modulation or 100 W nominal AM-CW. Uses a 4X250 in P-A, two 4X250's in modulator; RF input 4 Vrms. Has 4-position switch bands 2-3, 3-6, 6-10, 10-30 Mhz and three 0.43-18 uH variable ribbon inductors all driven by 26 VDC motor. Other components 3-Himar sockets and chimes for 4X250's, 12-Centralab 850 4 KV capacitors, and blower. Requires 26 VDC, +26 +250 +1100 -105 VDC. 6x15 $\frac{1}{2}$ x13 $\frac{1}{2}$, 34 lbs. W/schematic, \$115. MANUAL for MRC-55 including R-808 and T-631/GRC-14 radio sets; 6 lbs., \$22.00



POWER AMPLIFIER

POWER AMPLIFIER ASSEMBLY removed from 225-400 Mhz transmitter; makes an excellent foundation for your power amp. Has oscillator section with 12AT7, 1st doubler (12AT7), 2nd doubler (4X150), and a push-pull tripler with two 4X150's. Manual controls for crystal select, RF driver w/lock, and PA tuning w/lock. PA-grid and plate currents could be monitored by adding a 200 microammeter and switch. Silver-plated chassis includes heavy duty blower and tubes 3/12AT7, and 3/4X150A (6 V fil.) 14x10x5, 33 lbs. #PA/TED w/schem, \$77.



SWITCHING SUPPLIES

LAMBDA SWITCHING POWER SUPPLIES, compact, energy efficient units useful for applications where RF noise is not a consideration. Outputs ±5% adjust; ratings @ 40° C. Unused or little used though cosmetic cleaning may be desired:

#	Output	Reg	Size	Wt	Price
LUS-8-24	24 V	700 ma	4 $\frac{1}{2}$ x1x4	2	\$10.95
LUS-11-15	15 V	7 amp	4 $\frac{1}{2}$ x3x8 $\frac{1}{2}$	4	\$19.95
LUT-12-5122	5 V	12 A	12 V 1.5 A	-12	
	V 500 ma	4 $\frac{1}{2}$ x2x9 $\frac{1}{2}$		4	\$24.95
LYS-X-28	28 V	5 amp	1 $\frac{1}{2}$ x6x7	6	\$29.95



WHAT-CHA-MA-CALL-IT

We were told these were originally used to allow up to four computers to access one peripheral, but we have no further info. Hence, we are selling them for parts which are RS232-type connectors 4 ea DB25S and 1/DB25P, Triad 26.8 VCT 1.7 amp transformer, 4 $\frac{1}{2}$ x5x1 $\frac{1}{2}$ heatsink, two circuit cards, 8' 3-cond line cord, and 3x12x10 $\frac{1}{2}$ enclosure. PC cards have 4/7400, 7401, 3/7404, 5/7420, 7430, 7473, 7476, 7493, 5/7490, 4/7495, 3/74121, 74153, 74156, 74, 64, 2/75189, 555, MC1469R, MC1463R, 2N3055, MJ3101, and 8800 KHz crystal. 12 lbs sh. #240-400, used, \$10.95

#340-400, as above except with switch selectable 8800/2400 KHz 300/110 baud. \$12.95

PAPER TAPE READER

TALLY PAPER TAPE READER/TRANSMITTER, consists of oscillator, receiver, logic, and power supply cards. Uses standard one inch paper tape; selectable 5 or 8 channels, A or U mode. Output can be set to 0,-3,-6,-9,-12 dbm. No specific data but believe this to be 300 baud. Requires 115 VAC 60 Hz. Size: 9-5/8x12x4 $\frac{1}{2}$, 11 lbs sh. #PTR-760-328, used, \$14.95

#760-128 TALLY PAPER TAPE READER, similar to above; no selectable output, 100 baud. \$8.95

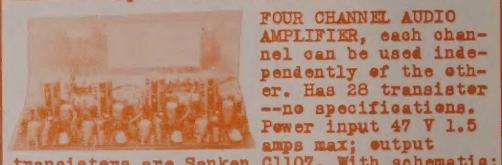


JOYSTICK

HIGH-QUALITY JOYSTICK with removable center return springs. Uses two Bourn 5K metal pots with trim adjustments for position centering. 1-3/8" stem above panel surface; 1 $\frac{1}{2}$ " depth required behind. O/a approx 2 $\frac{1}{2}$ x2 $\frac{1}{2}$, 1 lb. #JS-14227 NEW \$7.

HARMON-KARDON PCB

HARMON-KARDON AUDIO COMPONENT CIRCUIT BOARDS, all new surplus with schematics:



FOUR CHANNEL AUDIO AMPLIFIER, each channel can be used independently of the others. Has 28 transistors -- no specifications. Power input 47 V 1.5 amps max; output transistors are Sanken C1107. With schematic; board 7x4, 3" H incl'dg plate. #HK-AP27 E \$15.

STEREO TONE CONTROL BOARD with ganged treble, bass, volume control balance pots. Tone controls are each 2/dual 50K; volume is 4-gang 100K. Also 3/4PDT push on/push off switches, 6 transistors; -26 VDC req. #HK-0866, \$5.00

TONE CONTROL-AUDIO EQUALIZER, five ranges: 60, 320, 1K, 5K, 12K Hz. Requires addition of five 50K ohm slide resistors (not available) and -30 VDC. Schematic included. 4 $\frac{1}{2}$ x3, 1 lb sh. #HK-26243A, \$3.50 #HK1561, similar to above; no schematic \$2.50

POWER SUPPLY/SPEED CONTROL BOARD for record player. Consists of speed control circuit for 33/45 RPM player using 29 VDC motor (net included). Has 22 transistors w/useable lead lengths, two opto couplers (4N27). An interesting gadget board w/schematic. #HK-134450, \$2.25

RECTIFIER-CAPACITOR CIRCUIT BOARD, has capacitors: 7/47 mf 100 V, 2/47 mf 63 V, 2/500 mf 50 V. 6x3x1 $\frac{1}{2}$, 1 lb. #HK-26239B, \$1.50

